

TARIFF ACTION MEMO

Date: May 25, 2022

Date Filed: April 27, 2022

Statutory End Date: June 13, 2022

File No: TA160-97, TA121-118, TA165-37, and TA115-290

Name of Utility: College Utilities Corporation (CUC) and Golden Heart Utilities, Inc. (GHU)

Subject: Cost of Energy Adjustment (COEA) Surcharge Updates

Recommendations

Staff recommends the Commission:

1. Suspend TA160-97 and TA121-118 into Docket No. U-21-070.
2. Suspend TA165-37 and TA115-290 into Docket No. U-21-071.
3. Approve the COEA surcharges on an interim and refundable basis, effective May 1, 2022.
4. Approve Tariff Sheet Nos. 26 and 95, filed April 27, 2022, with TA160-97 and TA121-118, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be May 1, 2022.
5. Approve Tariff Sheet Nos. 22 and 91, filed April 27, 2022, with TA165-37 and TA115-290, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be May 1, 2022.

Please see attached Staff Memorandum supporting the above recommendations.

Signed: Becki Alvey
Becki Alvey

Title: Utility Tariff Analyst

Commission decision regarding these recommendations:

	<u>Date (if different from 5/25/2022)</u>	<u>I Concur</u>	<u>I Do Not Concur</u>	<u>I Will Write A Dissenting Statement*</u>
Pickett		<u>RMP</u>		
Doyle				
Kurber		<u>KKT</u>		
Sullivan		<u>AL</u> DS		
Wilson		<u>JWW</u> JWW		

* If this column is initialed, Staff will contact the Commissioner for the statement; otherwise, the dissent will simply be noted at the close of the By Direction letter or order.

TA160-97, TA121-118, TA165-37, and TA115-290 Memo – College and Golden Heart Utilities

May 25, 2022

Page 1 of 7

MEMORANDUM

To: Robert M. Pickett, Chairman
Robert A. Doyle
Keith Kurber II
Daniel A. Sullivan
Janis W. Wilson

Date: May 25, 2022

From: Becki Alvey, Utility Tariff Analyst

Subject: Quarterly COEA Surcharge Update

Recommendations

Staff recommends the Commission:

1. Suspend TA160-97 and TA121-118 into Docket No. U-21-070.
2. Suspend TA165-37 and TA115-290 into Docket No. U-21-071.
3. Approve the COEA surcharges on an interim and refundable basis, effective May 1, 2022.
4. Approve Tariff Sheet Nos. 26 and 95, filed April 27, 2022, with TA160-97 and TA121-118, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be May 1, 2022.
5. Approve Tariff Sheet Nos. 22 and 91, filed April 27, 2022, with TA165-37 and TA115-290, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be May 1, 2022.

Background

In Order Nos. U-07-076(8)/U-07-077(8)¹ and U-07-076(11)/U-07-077(11)² the Commission allowed CUC and GHU (hereinafter referred to together as ‘the Utilities’) to adjust rates on a quarterly basis for the specified energy costs.³ Further, the Commission allowed the Utilities to apply 3 AAC 52.501 et seq. for all of its future COEA filings.⁴

Filings

The Utilities now submit TA160-97 and TA121-118, pertaining to the joint water operations, and TA165-37 and TA115-290, pertaining to the joint wastewater utility operations, COEA updates for the period beginning May 1, 2022. With these filings, the Utilities filed Tariff Sheet Nos. 26 and 95 pertaining to their water service and Tariff Sheet

¹ See Order No. U-07-076(8)/U-07-077(8), Order Establishing Revenue Requirement, Ordering Refunds, and Requiring Filings, dated June 30, 2008.

² See Order No. U-07-076(11)/U-07-077(11), Order Granting in Part Petitions for Reconsideration and Requiring Filings, dated December 12, 2008.

³ See Order No. U-07-076(11)/U-07-077(11), Page 13, lines 1-11.

⁴ See Letter Order No. L1000222 issued June 17, 2010, approving the Utilities to apply 3 AAC 52.501 et seq. for all of the Utilities’ future COEA filings.

Nos. 22 and 91 pertaining to their wastewater service. The Utilities requested the tariff sheets be effective May 1, 2022. The Utilities filed one supplement in response to a Staff question.⁵

The COEA is similar to Cost of Power Adjustment (COPA) for electric utilities and Gas Cost Adjustment for natural gas utilities. The Commission evaluates proposed revisions to COEA surcharges under 3 AAC 52.501-519.⁶ 3 AAC 52.504(g) requires that each proposed COPA revision include information to support entries in the COPA balancing account for the historical quarter, and to support projections for the future period.

The Utilities use the same methodology for calculating the proposed COEA for the water operations and the wastewater operations. The Utilities' tariff provisions for the COEA balancing account mirror those of electric utilities as provided for in 3 AAC 52.503(b).⁷ Calculation of the COEA consists of two parts. The first part includes the Utilities' proposed sales and energy costs based on nine months of actual data and three months of projected data for the transportation, power, heat costs, and natural gas costs for the wastewater Utilities.⁸ For the power costs, the first part includes the Utilities' projection using the annual kilowatt usage from the prior year multiplied by the current electric rates.⁹ The second part includes documentation for the actual balancing account entries for January through March 2022.¹⁰ The Utilities maintain a joint water balancing account and a joint wastewater balancing account to reflect the actual energy costs incurred and surcharge revenues collected by each utility each month.¹¹ The Utilities provided invoices supporting actual purchased power, purchased natural gas, purchased transportation, and purchased heat costs for the quarter beginning January 2022, including invoices and spreadsheets supporting the balancing account entries.¹²

⁵ See TR2202146, filed May 16, 2022.

⁶ See Letter Order No. L1000222 issued June 17, 2010, approving the Utilities to apply 3 AAC 52.501 et seq. for all of the Utilities' future COEA filings.

⁷ In the COPA formula the cost of power balancing account balance must include for each month: a debit entry for the actual approved costs; a credit entry of the sales multiplied by the cost of power per kWh included in base rates; a credit entry equal to the total number of kWh sales multiplied by the COPA; and any additional entries approved by the Commission.

⁸ See Order No. U-07-076(8)/U-07-077(8) *Order Establishing Revenue Requirement, Ordering Refunds, And Requiring Filings*, issued June 30, 2008, and Exhibit B for TA160-97, TA121-118, TA165-37, and TA115-290 with the transportation, power, natural gas, and purchased heat costs, and sales data.

⁹ See Order No. U-15-091(1)/U-15-092(1) *Order Suspending Tariff Revisions; Granting Request for Interim and Refundable Rate Increases; Establishing Interest Rates on Refunds and Requiring a Filing; Approving Tariff Sheets; Inviting Participation by the Attorney General and Intervention; Scheduling Prehearing Conference; Addressing Timeline for Decision; Designating Commission Panel; and Appointing Administrative Law Judge*, issued June 25, 2015.

¹⁰ See side-by-side Tariff Sheet Nos. 22 & 26 (CC), and 91 & 95 (GHU), as attached as BA-1.

¹¹ The joint balancing account was established in Order Nos. U-07-076(8)/U-07-077(8) *Order Establishing Revenue Requirement, Ordering Refunds, and Requiring Filings*, issued June 30, 2008, at page 81, lines 3-5, which states: "The same adjustments should cover the water services for both GHU and CUC, and another adjustment should cover the sewer services for both GHU and CUC."

¹² See side-by-side Tariff Sheet Nos. 22 & 26 (CUC), and 91 & 95 (GHU), as attached as BA-1, with the purchased power, purchased natural gas, purchased transportation, and purchased heat costs and sales data.

Staff notes that GHU/CUC did not include the power and heat expenses for the administrative office building in this filing to comply with U-19-070(21)/U-19-071(21)/U-19-087(18)/U-19-088(18).¹³ CUC and GHU state: “The exclusion of those costs in this filing do not constitute any concession on this issue in the Order 21 appeal and GHU/CUC reserve, and do not waive, their right to seek recovery of those costs in cost of energy adjustments in the future.”¹⁴

Notice

In accordance with historic Commission practice for adjustment clause filings, a public notice was not issued for TA160-97, TA121-118, TA165-37, and TA115-290.¹⁵

Discussion/Analysis

COEA Increase for Water Utilities

As shown on Tariff Sheet Nos. 26 and 95, filed in TA160-97 and TA121-118, respectively, CUC and GHU, propose a COEA surcharge of \$0.16405 per 1,000 gallons, which is an increase from the currently approved COEA surcharge of (\$0.28674) per 1,000 gallons.

Table 1 contains a sample bill under the current and proposed surcharges for a single residential metered water customer with monthly usage of 3,719 gallons and a meter size of $\frac{3}{4}$ ".

Table 1

Monthly Customer Water Bills	Current	Proposed	Change
Cost of Energy Rate (\$/1,000 gal)	(\$0.28674)	\$0.16405	\$0.45079
<u>Customer Bill of 3,719 gals</u>			
Usage fee (\$9.30/1,000 gal)	\$34.59	\$34.59	-
Customer Fixed Fee	10.58	10.58	-
Public Fire Fee	4.28	4.28	-
Meter Charge ($\frac{3}{4}$ " Meter)	14.09	14.09	-
Cost of Energy Adjustment Surcharge	(1.07)	0.61	1.68
Regulatory Cost Charge, 0.890%	0.56	0.57	0.01
Total Customer Bill	<u>\$63.03</u>	<u>\$64.72</u>	<u>\$1.69</u>

Factors that may affect the calculation of the water Utilities' COEA include the previous period's balancing account balance, projected energy costs, and projected sales. Changes in these factors frequently offset each other. Any factor that increases the average cost per gallon sold will put upward pressure on the COEA and any factor that decreases the average cost per gallon sold will put downward pressure on the COEA. The proposed COEA increase for the Utilities' water operations is driven by:

¹³ See U-19-070(21)/U-19-071(21)/U-19-087(18)/U-19-088(18), Page 29 of 65, dated January 1, 2021.

¹⁴ See tariff letters for TA160-97, TA121-118, TA165-37, and TA115-290, at page 2.

¹⁵ One reason the Commission forgoes publication notice for Cost of Power Adjustment (COPA) filings is 3 AAC 52.504(d), which states “[f]or a COPA filing under (b) of this section, an electric utility is not required to give public notice under AS 42.05.411...” This allows a utility to implement a COPA upon filing, rather than waiting the 45 days specified in AS 42.05.411 to ensure adequate notice to the public of a tariff revision.

- (1) An increase in projected annual energy costs. The projected annual energy costs for the joint water operations increased from \$2,003,736 to \$2,174,396.¹⁶ This increase in projected costs places upward pressure on the COEA.
- (2) An increase in the joint balancing account balance. The joint water operations balancing account balance decreased from (\$175,208) to \$78,617,¹⁷ indicating that more costs were incurred than revenues collected. The increase in the balancing account balance places upward pressure on the COEA.
- (3) An increase in projected annual sales. The projected annual sales for the joint water operations decreased from 899,848 gallons to 907,436 gallons.¹⁸ This increase results in the projected costs being spread over a greater number of gallons, which places downward pressure on the COEA.

The increase in projected costs and the increase in the joint balancing account balance place upward pressure on the COEA surcharge; this offsets the downward pressure from the decrease in projected annual sales. The overall result is an increase in the Utilities' water COEA.

COEA Increase for Wastewater Utilities

As shown on Tariff Sheet Nos. 22 and 91, filed with TA163-37 and TA113-290, respectively, CUC and GHU propose a COEA surcharge of \$0.24367 per 1,000 gallons, which is an increase from the currently approved COEA surcharge of \$0.09952 per 1,000 gallons.

Table 2 contains a sample bill under the current and proposed surcharges for a single residential metered water customer with monthly usage of 3,581 gallons and a meter size of $\frac{3}{4}$ ".

¹⁶ See side-by-side Tariff Sheet Nos. 26 (CUC) and 95 (GHU) at section d.1, attached as BA-1.

¹⁷ See side-by-side Tariff Sheet Nos. 26 (CUC) and 95 (GHU) at section d.2, attached as BA-1.

¹⁸ See side-by-side Tariff Sheet Nos. 26 (CUC) and 95 (GHU) at section d.4, attached as BA-1.

Table 2

Monthly Customer Wastewater Bills	Current	Proposed	Change (\$)
Cost of Energy Rate (\$/1,000 gal)	\$0.09952	\$0.24367	\$0.14415
<u>Customer Bill of 3,581 gals</u>			
Usage fee (\$14.80/1,000 gals)	\$53.00	\$53.00	-
Customer Fixed Fee	18.52	18.52	-
Meter Charge (¾" Meter)	14.50	14.50	-
Cost of Energy Adjustment			
Surcharge	0.356	0.873	0.52
Regulatory Cost Charge, 0.890%	0.77	0.77	-
Total Customer Bill	<u>\$87.14</u>	<u>\$87.66</u>	<u>\$0.52</u>

Factors that may affect the calculation of the wastewater Utilities' COEA include the previous quarter's balancing account balance, projected energy costs, and projected sales. Changes in these factors frequently offset each other. Any factor that increases the average cost per gallon sold will put upward pressure on the COEA and any factor that decreases the average cost per gallon sold will put downward pressure on the COEA. The proposed COEA increase for the Utilities' wastewater operations is primarily driven by:

- (1) An increase in projected annual energy costs. The projected annual energy costs for the joint wastewater operations increased from \$1,676,129 to \$1,867,077.¹⁹ This increase places upward pressure on the COEA.
- (2) An increase in the balancing account balance. The joint wastewater operations balancing account balance increased from \$58,303 to \$73,047,²⁰ indicating that more costs were incurred than revenues collected. The increase in the balancing account balance places upward pressure on the COEA.
- (3) An increase in projected annual sales. The projected annual sales for the joint wastewater operations increased from 1,132,636 gallons to 1,157,957 gallons.²¹ This increase results in the projected costs being spread over a larger number of gallons, which places downward pressure on the COEA.

The increase in projected sales places downward pressure on the COEA surcharge; this is offset by the upward pressure from the increase in the balancing account balance and

¹⁹ See side-by-side Tariff Sheet Nos. 22 (CUC), and 91 (GHU), at section d.1, attached as BA-1.

²⁰ See side-by-side Tariff Sheet Nos. 22 (CUC), and 91 (GHU), at section d. 2 attached as BA-1.

²¹ See side-by-side Tariff Sheet Nos. 22 (CUC), and 91 (GHU), at section d.4, attached as BA-1.

increase in annual costs. The overall effect is an increase in the Utilities' wastewater COEA.

The revisions proposed in TA160-97, TA121-118, TA165-37, and TA115-290 did not include a change in methodology or new cost element, and as such, the Utilities implemented the proposed COEA surcharges on May 1, 2022, in accordance with Letter Order No. L1000222.²² Staff has reviewed all information filed in support of the proposed surcharge and verified that the Utilities provided all required information. Staff confirmed that the proposed surcharge was calculated accurately, using the Utilities' approved methodology.²³

Tariff Sheets

Staff reviewed Tariff Sheet Nos. 26, 95, 22, and 91. Staff verified the proposed surcharges were calculated accurately using the Utilities' approved methodologies, the proper support was filed, and the tariff sheets are correct.

Suspension with Interim and Refundable Approval of COEA

The Utilities currently have revenue requirement studies pending before the Commission in Docket Nos. U-21-070 and U-21-071. In those dockets, the Commission granted the Utilities' request for interim and refundable rate relief (including an increase to the base cost of energy for water and wastewater), effective October 1, 2021.²⁴ The interim and refundable base costs of energy were used in the calculation of the Utilities' COEAs. Therefore, Staff believes the Commission should suspend these tariff filings into Docket Nos. U-21-070 and U-21-071, for the water and wastewater utilities respectively.

Conclusion

With TA160-97, TA121-118, TA165-37, and TA115-290, the Utilities propose to update the COEAs for the period beginning May 1, 2022. Based on the discussion above, Staff recommends the Commission:

1. Suspend TA160-97 and TA121-118 into Docket No. U-21-070.
2. Suspend TA165-37 and TA115-290 into Docket No. U-21-071.
3. Approve the COEA surcharges on an interim and refundable basis, effective May 1, 2022.
4. Approve Tariff Sheet Nos. 26 and 95, filed April 27, 2022, with TA160-97 and TA121-118, by CUC and GHU, respectively. The effective date of the tariff sheets should be May 1, 2022.
5. Approve Tariff Sheet Nos. 22 and 91, filed April 27, 2022, with TA165-37 and TA115-290, by CUC and GHU, respectively. The effective date of the tariff sheets should be May 1, 2022.

Signature: Robert M. Pickett

Email: bob.pickett@alaska.gov

Signature: Keith Kurber II
Keith Kurber II (May 25, 2022 11:21 AKDT)

Email: keith.kurber@alaska.gov

²² See Letter Order No. L1000222, issued June 17, 2010, which granted the Utilities COEA the same treatment as a COPA. 3 AAC 52.504(b) provides that an electric utility may implement a COPA that does not include a new methodology or new cost element immediately upon filing.

²³ See side-by-side Tariff Sheet Nos. 26 (CUC), 95 (GHU), 22 (CUC), and 91 (GHU), attached as BA-1.

²⁴ See Order No. U-21-070(1)/U-21-071(1).

TA160-97, TA121-118, TA165-37, and TA115-290 Memo – College and Golden Heart Utilities
May 25, 2022

Signature: Daniel Sullivan
Daniel Sullivan (May 25, 2022 12:01 AKDT)

Email: daniel.sullivan@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (May 25, 2022 13:59 AKDT)

Email: janis.wilson@alaska.gov

RCA NO. 97 51st REVISION SHEET NO. 26

CANCELING

50th REVISION SHEET NO. 26

RECEIVED

JAN 27 2022

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

COLLEGE UTILITIES CORPORATION

COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,022,189	\$ 273,839	\$ -	\$ 1,296,028	
Purchased Heat	\$ 661,879	\$ 6,981	\$ -	\$ 668,860	
Purchased Natural Gas	\$ -	\$ -	\$ -	\$ -	
Transportation	\$ 25,065	\$ 11,088	\$ 2,695	\$ 38,848	
Total Energy Cost (a)	\$ 1,709,133	\$ 291,908	\$ 2,695	\$ 2,003,736	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	159,527,937	70,417,013	229,944,950	
Duplex Metered	46,901,637	11,726,533	58,628,170	
Multiple Residential	153,306,958	38,972,604	192,279,562	
Commercial	206,849,507	53,330,496	260,180,003	
Bulk Water Haulers	11,363,254	57,669,320	69,032,574	
Aurora/UAf	18,573,501	68,672,000	87,245,501	
Construction Hydrant	1,203,751	1,009,355	2,213,106	
Interdept. Metered	54,722	269,606	324,328	
Total Sales Volume (b)	597,781,267	302,066,927	899,848,194	R

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,003,736	
2. Balancing Account Balance at 12/31/2021	\$ (175,208)	R
3. Total (1+2)	\$ 1,828,528	
4. Projected Total Sales Volume (in thousands)	899,848	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.03204	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.28674)	R

Pursuant to U-21-070(6)/U-21-071(6)

TARIFF ADVICE NO: 158-97

EFFECTIVE: 2/1/2022

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: Oran Paul Title: President

RCA NO. 97 52nd REVISION SHEET NO. 26

CANCELING

51st REVISION SHEET NO. 26

COLLEGE UTILITIES CORPORATION

COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,140,592	\$ 309,418	\$ -	\$ 1,450,010	
Purchased Heat	\$ 662,945	\$ 12,907	\$ -	\$ 675,853	
Purchased Natural Gas	\$ 5,930	\$ -	\$ -	\$ 5,930	
Transportation	\$ 26,638	\$ 13,385	\$ 2,580	\$ 42,603	
Total Energy Cost (a)	\$ 1,836,105	\$ 335,710	\$ 2,580	\$ 2,174,396	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	156,990,194	70,488,440	227,478,634	
Duplex Metered	46,139,951	11,563,528	57,703,479	
Multiple Residential	153,374,225	39,149,764	192,523,989	
Commercial	211,485,393	54,370,373	265,855,766	
Bulk Water Haulers	10,874,390	57,601,552	68,475,942	
Aurora/UAf	19,498,296	73,285,000	92,783,296	
Construction Hydrant	1,203,711	1,009,355	2,213,066	
Interdept. Metered	129,529	272,625	402,154	
Total Sales Volume (b)	599,695,689	307,740,637	907,436,326	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,174,396	
2. Balancing Account Balance at 3/31/2022	\$ 78,617	I
3. Total (1+2)	\$ 2,253,012	
4. Projected Total Sales Volume (in thousands)	907,436	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.48283	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.16405	I

DOCKET NO:

TARIFF ADVICE NO: 160-97

EFFECTIVE: 5/1/2022

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: /s/ Oran Paul Title: President

RCA NO. 118 51st REVISION SHEET NO. 95

CANCELING

50th REVISION SHEET NO. 95

RECEIVED

JAN 27 2022

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,022,189	\$ 273,839	\$ -	\$ 1,296,028	
Purchased Heat	\$ 661,879	\$ 6,981	\$ -	\$ 668,860	
Purchased Natural Gas	\$ -	\$ -	\$ -	\$ -	
Transportation	\$ 25,065	\$ 11,088	\$ 2,695	\$ 38,848	
Total Energy Cost (a)	\$ 1,709,133	\$ 291,908	\$ 2,695	\$ 2,003,736	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	159,527,937	70,417,013	229,944,950	
Duplex Metered	46,901,637	11,726,533	58,628,170	
Multiple Residential	153,306,958	38,972,604	192,279,562	
Commercial	206,849,507	53,330,496	260,180,003	
Bulk Water Haulers	11,363,254	57,669,320	69,032,574	
Aurora/UAF	18,573,501	68,672,000	87,245,501	
Construction Hydrant	1,203,751	1,009,355	2,213,106	
Interdept. Metered	54,722	269,606	324,328	
Total Sales Volume (b)	597,781,267	302,066,927	899,848,194	R

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,003,736	
2. Balancing Account Balance at 12/31/2021	\$ (175,208)	R
3. Total (1+2)	\$ 1,828,528	
4. Projected Total Sales Volume (in thousands)	899,848	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.03204	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.28674)	R

Pursuant to U-21-070(6)/U-21-071(6)

TARIFF ADVICE NO: 119-118 EFFECTIVE: 2/1/2022

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: Oran Paul Title: President

RCA NO. 118 52nd REVISION SHEET NO. 95

CANCELING

51st REVISION SHEET NO. 95

GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,140,592	\$ 309,418	\$ -	\$ 1,450,010	
Purchased Heat	\$ 662,945	\$ 12,907	\$ -	\$ 675,853	
Purchased Natural Gas	\$ 5,930	\$ -	\$ -	\$ 5,930	
Transportation	\$ 26,638	\$ 13,385	\$ 2,580	\$ 42,603	
Total Energy Cost (a)	\$ 1,836,105	\$ 335,710	\$ 2,580	\$ 2,174,396	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	156,990,194	70,488,440	227,478,634	
Duplex Metered	46,139,951	11,563,528	57,703,479	
Multiple Residential	153,374,225	39,149,764	192,523,989	
Commercial	211,485,393	54,370,373	265,855,766	
Bulk Water Haulers	129,529	272,625	402,154	
Aurora/UAF	1,203,711	1,009,355	2,213,066	
Construction Hydrant	19,498,296	73,285,000	92,783,296	
Interdept. Metered	10,874,390	57,601,552	68,475,942	
Total Sales Volume (b)	599,695,689	307,740,637	907,436,326	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,174,396	
2. Balancing Account Balance at 3/31/2022	\$ 78,617	I
3. Total (1+2)	\$ 2,253,012	
4. Projected Total Sales Volume (in thousands)	907,436	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.48283	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.16405	I

DOCKET NO:

TARIFF ADVICE NO: 121-118 EFFECTIVE: 5/1/2022

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: /s/ Oran Paul Title: President
Oran Paul

CANCELING

COLLEGE UTILITIES CORPORATION

COST OF ENERGY ADJUSTMENT

RECEIVED**JAN 27 2022**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,305,792	\$ 101,945	\$ -	\$ 1,407,736	
Purchased Heat	\$ 117,578	\$ 8,461	\$ -	\$ 126,039	
Purchased Natural Gas	\$ 28,832	\$ -	\$ -	\$ 28,832	
Transportation	\$ 76,640	\$ 34,187	\$ 2,695	\$ 113,522	
Total Energy Cost (a)	\$ 1,528,841	\$ 144,593	\$ 2,695	\$ 1,676,129	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	137,351,151	52,950,886	190,302,037	
Duplex Metered	43,749,860	9,267,303	53,017,163	
Multiple Residential	141,556,330	37,509,557	179,065,887	
Commercial	210,011,618	53,007,971	263,019,589	
Public Authority FWW, UAF	366,384,296	64,460,178	430,844,474	
Wholesale - Lakeview	6,442,531	-	6,442,531	
Septage Hauler	8,755,897	-	8,755,897	
Interdept. Metered	1,008,724	180,020	1,188,744	
Total Sales Volume (b)	915,260,408	217,375,915	1,132,636,323	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 1,676,129	
2. Balancing Account Balance at 12/31/2021	\$ 58,303	I
3. Total (1+2)	\$ 1,734,432	
4. Projected Total Sales Volume (in thousands)	1,132,636	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 1.53132	
6. Base Cost of Energy per 1000 gallons	\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.09952	I

Pursuant to U-21-070(6)/U-21-071(6)

TARIFF ADVICE NO: 163-37 EFFECTIVE: 2/1/2022

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: Oran Paul Title: President

CANCELING

COLLEGE UTILITIES CORPORATION

COST OF ENERGY ADJUSTMENT

TARIFF SECTION

RECEIVED**APR 27****2022**

RCA

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,444,024	\$ 113,633	\$ -	\$ 1,557,657	
Purchased Heat	\$ 142,035	\$ 11,453	\$ -	\$ 153,488	
Purchased Natural Gas	\$ 25,988	\$ -	\$ -	\$ 25,988	
Transportation	\$ 86,447	\$ 40,916	\$ 2,580	\$ 129,943	
Total Energy Cost (a)	\$ 1,698,495	\$ 166,002	\$ 2,580	\$ 1,867,077	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	132,727,546	52,441,352	185,168,898	
Duplex Metered	42,861,526	9,087,034	51,948,560	
Multiple Residential	141,719,840	37,652,160	179,372,000	
Commercial	213,889,731	55,558,818	269,448,549	
Public Authority FWW, UAF	388,824,238	66,810,164	455,634,402	
Wholesale - Lakeview	6,091,693	-	6,091,693	
Septage Hauler	8,869,001	-	8,869,001	
Interdept. Metered	1,236,889	186,906	1,423,795	
Total Sales Volume (b)	936,220,464	221,736,433	1,157,956,898	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 1,867,077	
2. Balancing Account Balance at 3/31/2022	\$ 73,047	I
3. Total (1+2)	\$ 1,940,123	
4. Projected Total Sales Volume (in thousands)	1,157,957	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 1.67547	
6. Base Cost of Energy per 1000 gallons	\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.24367	I

DOCKET NO:

TARIFF ADVICE NO: 165-37 EFFECTIVE: 5/1/2022

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: /s/ Oran Paul Title: President
Oran Paul

RCA NO. 290 53rd REVISION SHEET NO. 91

CANCELING

52nd REVISION SHEET NO. 91

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JAN 27 2022

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,305,792	\$ 101,945	\$ -	\$ 1,407,736	
Purchased Heat	\$ 117,578	\$ 8,461	\$ -	\$ 126,039	
Purchased Natural Gas	\$ 28,832	\$ -	\$ -	\$ 28,832	
Transportation	\$ 76,640	\$ 34,187	\$ 2,695	\$ 113,522	

Total Energy Cost (a)	\$ 1,528,841	\$ 144,593	\$ 2,695	\$ 1,676,129	I
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CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	137,351,151	52,950,886	190,302,037	
Duplex Metered	43,749,860	9,267,303	53,017,163	
Multiple Residential	141,556,330	37,509,557	179,065,887	
Commercial	210,011,618	53,007,971	263,019,589	
Interdept. Metered	1,008,724	64,460,178	65,468,902	
Public Authority FWW, U	366,384,296	-	366,384,296	
Septage Hauler	8,755,897	-	8,755,897	
Wholesale - Lakeview	6,442,531	180,020	6,622,551	

Total Sales Volume (b)	915,260,408	217,375,915	1,132,636,323	I
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ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 1,676,129	
2. Balancing Account Balance at 12/31/2021	\$ 58,303	I
3. Total (1+2)	\$ 1,734,432	
4. Projected Total Sales Volume (in thousands)	1,132,636	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 1.53132	
6. Base Cost of Energy per 1000 gallons	\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.09952	I

Pursuant to U-21-070(6)/U-21-071(6)

TARIFF ADVICE NO: 113-290 EFFECTIVE: 2/1/2022

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: Oran Paul Title: President

RCA NO. 290 54th REVISION SHEET NO. 91

CANCELING

53rd REVISION SHEET NO. 91

TARIFF SECTION

RECEIVED

APR 27

2022

RCA

GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,444,024	\$ 113,633	\$ -	\$ 1,557,657	
Purchased Heat	\$ 142,035	\$ 11,453	\$ -	\$ 153,488	
Purchased Natural Gas	\$ 25,988	\$ -	\$ -	\$ 25,988	
Transportation	\$ 86,447	\$ 40,916	\$ 2,580	\$ 129,943	

Total Energy Cost (a)	\$ 1,698,495	\$ 166,002	\$ 2,580	\$ 1,867,077	I
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CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	132,727,546	52,441,352	185,168,898	
Duplex Metered	42,861,526	9,087,034	51,948,560	
Multiple Residential	141,719,840	37,652,160	179,372,000	
Commercial	213,889,731	55,558,818	269,448,549	
Interdept. Metered	1,236,889	186,906	1,423,795	
Public Authority FWW, U	388,824,238	66,810,164	455,634,402	
Septage Hauler	8,869,001	-	8,869,001	
Wholesale - Lakeview	6,091,693	-	6,091,693	

Total Sales Volume (b)	936,220,464	221,736,433	1,157,956,898	I
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ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 1,867,077	
2. Balancing Account Balance at 3/31/2022	\$ 73,047	I
3. Total (1+2)	\$ 1,940,123	
4. Projected Total Sales Volume (in thousands)	1,157,957	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 1.67547	
6. Base Cost of Energy per 1000 gallons	\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.24367	I

DOCKET NO:

TARIFF ADVICE NO: 115-290 EFFECTIVE: 5/1/2022

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: /s/ Oran Paul Title: President